Electronic Acknowledgement Receipt				
EFS ID:	5370833			
Application Number:	10758816			
International Application Number:				
Confirmation Number:	6583			
Title of Invention:	Ultra short high pressure gradient flow path flow field			
First Named Inventor/Applicant Name:	Michael W. Murphy			
Customer Number:	27572			
Filer:	David A. McClaughry/Pamela Langlois			
Filer Authorized By:	David A. McClaughry			
Attorney Docket Number:	8540G-000233			
Receipt Date:	20-MAY-2009			
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Time Stamp:	16:45:34			
Application Type:	Utility under 35 USC 111(a)			

# **Payment information:**

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		Amendment.PDF	33315	ves	7
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	Multipart Description/PDF files in .zip description						
	Document Description		Start	End			
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1			
	Claims		2	4			
	Applicant Arguments/Remarks Made in an Amendment		5	7			
Warnings:			,				
Information:							
2	2 Rule 130, 131 or 132 Affidavits	Declaration.PDF	992988	no	26		
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Warnings:				·			
Information:							
		Total Files Size (in bytes)	: 10	26303			

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.